



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Hamilton County Dept. of Environmental Services
 Phone: 513-946-7742

Lab Project Number: 1091534
 Project Name: 01959 Addyston Air Monitor

Lab Sample No: 1091534001
 Client Sample ID: 0843031409

ProjSampleNum: 1091534001
 Matrix: Air

Date Collected: 03/14/09 23:59
 Date Received: 03/23/09 9:25

| Parameters | Results | Units | Report Limit | DF | Analyzed | CAS No. | Qualifiers |
|--------------------------------|---------|-------|--------------|----|--------------------|----------|------------|
| Air | | | | | | | |
| TO-15 | | | | | | | |
| 1,1,1-Trichloroethane | ND | ppbv | 0.099 | 1 | 04/06/09 16:32 DB1 | 71-55-6 | |
| 1,1,2,2-Tetrachloroethane | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 79-34-5 | |
| 1,1,2-Trichloroethane | ND | ppbv | 0.099 | 1 | 04/06/09 16:32 DB1 | 79-00-5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 76-13-1 | |
| 1,1-Dichloroethane | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 75-34-3 | |
| 1,1-Dichloroethene | ND | ppbv | 0.099 | 1 | 04/06/09 16:32 DB1 | 75-35-4 | |
| 1,2,4-Trichlorobenzene | ND | ppbv | 0.066 | 1 | 04/06/09 16:32 DB1 | 120-82-1 | |
| 1,2,4-Trimethylbenzene | ND | ppbv | 0.24 | 1 | 04/06/09 16:32 DB1 | 95-63-6 | |
| 1,2-Dibromoethane (EDB) | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 106-93-4 | |
| 1,2-Dichlorobenzene | ND | ppbv | 0.098 | 1 | 04/06/09 16:32 DB1 | 95-50-1 | |
| 1,2-Dichloroethane | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 107-06-2 | |
| 1,2-Dichloropropane | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 78-87-5 | |
| 1,3,5-Trimethylbenzene | ND | ppbv | 0.24 | 1 | 04/06/09 16:32 DB1 | 108-67-8 | |
| 1,3-Butadiene | ND | ppbv | 0.098 | 1 | 04/06/09 16:32 DB1 | 106-99-0 | |
| 1,3-Dichlorobenzene | ND | ppbv | 0.098 | 1 | 04/06/09 16:32 DB1 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ppbv | 0.098 | 1 | 04/06/09 16:32 DB1 | 106-46-7 | |
| 2-Butanone (MEK) | 0.314 | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 78-93-3 | |
| 2-Hexanone | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 591-78-6 | |
| 4-Ethyltoluene | ND | ppbv | 0.24 | 1 | 04/06/09 16:32 DB1 | 622-96-8 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 108-10-1 | |
| Acetone | 2.32 | ppbv | 0.099 | 1 | 04/06/09 16:32 DB1 | 67-64-1 | CL |
| Acrylonitrile | ND | ppbv | 0.25 | 1 | 04/06/09 16:32 DB1 | 107-13-1 | |
| Benzene | 0.4 | ppbv | 0.099 | 1 | 04/06/09 16:32 DB1 | 71-43-2 | |
| Bromodichloromethane | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 75-27-4 | |
| Bromoform | ND | ppbv | 0.095 | 1 | 04/06/09 16:32 DB1 | 75-25-2 | |
| Bromomethane | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 74-83-9 | |
| Carbon disulfide | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 75-15-0 | |
| Carbon tetrachloride | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 56-23-5 | |
| Chlorobenzene | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 108-90-7 | |
| Chloroethane | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 75-00-3 | |
| Chloroform | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 DB1 | 67-66-3 | |

SUPPLEMENTAL REPORT

Units Conversion Request



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Hamilton County Dept. of Environmental Services
 Phone: 513-946-7742

Lab Project Number: 1091534
 Project Name: 01959 Addyston Air Monitor

| | | | | | | | |
|---------------------------|-------|------|-------|---|----------------|-----|------------|
| Chloromethane | 0.476 | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 74-87-3 |
| cis-1,2-Dichloroethene | ND | ppbv | 0.099 | 1 | 04/06/09 16:32 | DB1 | 156-59-2 |
| cis-1,3-Dichloropropene | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 10061-01-5 |
| Cyclohexane | ND | ppbv | 0.097 | 1 | 04/06/09 16:32 | DB1 | 110-82-7 |
| Dibromochloromethane | ND | ppbv | 0.098 | 1 | 04/06/09 16:32 | DB1 | 124-48-1 |
| Dichlorodifluoromethane | 0.617 | ppbv | 0.099 | 1 | 04/06/09 16:32 | DB1 | 75-71-8 |
| Dichlorotetrafluoroethane | ND | ppbv | 0.099 | 1 | 04/06/09 16:32 | DB1 | 76-14-2 |
| Ethyl acetate | ND | ppbv | 0.098 | 1 | 04/06/09 16:32 | DB1 | 141-78-6 |
| Ethylbenzene | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 100-41-4 |
| Hexachloro-1,3-butadiene | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 87-68-3 |
| m&p-Xylene | ND | ppbv | 0.2 | 1 | 04/06/09 16:32 | DB1 | 1330-20-7 |
| Methylene Chloride | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 75-09-2 |
| Methyl-tert-butyl ether | ND | ppbv | 0.098 | 1 | 04/06/09 16:32 | DB1 | 1634-04-4 |
| Naphthalene | ND | ppbv | 0.26 | 1 | 04/06/09 16:32 | DB1 | 91-20-3 |
| n-Heptane | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 142-82-5 |
| n-Hexane | 0.207 | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 110-54-3 |
| o-Xylene | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 95-47-6 |
| Propylene | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 115-07-1 |
| Styrene | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 100-42-5 |
| Tetrachloroethene | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 127-18-4 |
| Tetrahydrofuran | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 109-99-9 |
| Toluene | 0.392 | ppbv | 0.099 | 1 | 04/06/09 16:32 | DB1 | 108-88-3 |
| trans-1,2-Dichloroethene | ND | ppbv | 0.099 | 1 | 04/06/09 16:32 | DB1 | 156-60-5 |
| trans-1,3-Dichloropropene | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 10061-02-6 |
| Trichloroethene | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 79-01-6 |
| Trichlorofluoromethane | 0.315 | ppbv | 0.096 | 1 | 04/06/09 16:32 | DB1 | 75-69-4 |
| Vinyl acetate | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 108-05-4 |
| Vinyl chloride | ND | ppbv | 0.1 | 1 | 04/06/09 16:32 | DB1 | 75-01-4 |

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request



Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Hamilton County Dept. of Environmental Services
Phone: 513-946-7742

Lab Project Number: 1091534
Project Name: 01959 Addyston Air Monitor

PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit

NC Not Calculable

J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

[CL] The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.

SUPPLEMENTAL REPORT

Units Conversion Request

Date: 4/7/2009

Page 3